	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	2099	steam near4 reforming	USPAT	2000/08/25 15:31
2	BRS	L2	6667	spinel	USPAT	2000/08/25 15:32
3	BRS	L3	161	1 and 2	USPAT	2000/08/25 15:36
4	BRS	L4	46645	residence	USPAT	2000/08/25 15:36
5	BRS	L5	39	3 and 4	USPAT	2000/08/25 15:37
6	BRS	L6	278198	activity	USPAT	2000/08/25 15:37
7	BRS	L7	33	5 and 6	USPAT	2000/08/25 15:41
8	BRS	L8	314	steam near3 carbon near6 ratio	USPAT	2000/08/25 15:42
9	BRS	L9	12	7 and 8	USPAT	2000/08/25 15:57
10	BRS	L10	7328	residence near3 (time or times) near6 (secs or sec or seconds)	USPAT	2000/08/25 15:54
11	BRS	L11	5	9 and 10	USPAT	2000/08/25 15:54
12	BRS	L12	12960	activity near6 (hours or hrs or days)	USPAT	2000/08/25 16:00
13	BRS	L13	0	11 and 12	USPAT	2000/08/25 16:00
14	BRS	L14	0	9 and 12	USPAT	2000/08/25 16:00
15	BRS	L15	20	3 and 12	USPAT	2000/08/25 16:16
16	BRS	L16	8	("4963520" or "3880776" or "3904553" or "4088608" or "4442024" or "4522937" or "4727052" or "5235121").pn.	USPAT	2000/08/25 16:18
17	BRS	L17	2	3 and 16	USPAT	2000/08/25 16:24
18	BRS	L18	0	8 and 17	USPAT	2000/08/25 16:24
19	BRS	L19	152666	(steam or water) near6 (amount or consumption)	USPAT	2000/08/25 16:29
20	BRS	L20	2	17 and 19	USPAT	2000/08/25 16:34
21	BRS	L21	0	10 and 20	USPAT	2000/08/25 16:35
22	BRS	L22	5	10 and 11	USPAT	2000/08/25 16:35
23	BRS	L23	18	10 and 7	USPAT	2000/08/25 16:35

13. A process in accordance with claim 11 wherein said hydrogel derived catalyst of zinc oxide and a spinel structure alumina is calcined in the presence of free oxygen at a temperature in the range of about 425.degree. C. to about 550.degree. C. for a time in the range of about 2 to about 8 hours.

14. A process in accordance with claim 1 wherein said at least one reformable organic compound is a gasoline range material having a normal boiling range between about 50.degree. C. and about 205.degree. C.

15. A process in accordance with claim 14 wherein said suitable reforming conditions comprise a residence time for said feedstock in the presence of said catalyst composition of about 0.1 to about 10 liquid volumes of feedstock per

unit volume of said catalyst composition per hour, a temperature in the range of about 427.degree. C. to about 593.degree. C., a pressure in the range of about 50 psig to about 700 psig, and a hydrogen flow rate suitable to provide about 0.5 mole to

BYildirim_Job_1_of_1

Printed by HPS Server

for

EAST

Printer: cp3_10c03_gblmptr

Date: 08/25/00

Time: 16:15:58

Document Listing

Document	Selected Pages	Page Range
US004539310	8	1 - 8
Total (1)	8	-

	Type	L #	Hits	Search Text	DBs	Time Stamp
24	BRS	L24	5	8 and 23	USPAT	2000/08/25 16:36
25	BRS	L25	10	batelle.asn.	USPAT	2000/08/25 16:36
26	BRS	L26	0	3 and 25	USPAT	2000/08/25 16:36
27	BRS	L27	0	1 and 25	USPAT	2000/08/25 16:36
28	BRS	L28	0	25 and steam	USPAT	2000/08/25 16:37
29	BRS	L29	0	25 and reforming	USPAT	2000/08/25 16:37
30	BRS	L30	0	25 and (synthesis near6 gas)	USPAT	2000/08/25 16:37
31	BRS	L31	111	batelle	USPAT; EPO; Derwent	2000/08/25 16:38
32	BRS	L32	6277	steam and reforming	USPAT; EPO; Derwent	2000/08/25 16:38
33	BRS	L33	4	31 and 32	USPAT; EPO; Derwent	2000/08/25 16:39
34	BRS	L34	11808	spinel	USPAT; EPO; Derwent	2000/08/25 16:39
35	BRS	L35	0	33 and 34	USPAT; EPO; Derwent	2000/08/25 16:39
36	BRS	L36	23282	aluminate or aluminate	USPAT; EPO; Derwent	2000/08/25 16:40
37	BRS	L37	0	33 and 36	USPAT; EPO; Derwent	2000/08/25 16:40